

IN THE CLAIMS

1-4. (Canceled)

5. (Original) A method for processing a datastream, the method comprising the computer-implemented steps of:

detecting an acronym in a datastream; and

automatically inserting an expansion of the acronym in the datastream in close proximity to the acronym, wherein the expansion of the acronym is selected from a hierarchical set of glossaries.

6. (Original) The method of claim 5 further comprising:

updating a master dictionary or glossary at a server; and

serving the update to the master dictionary or glossary to a client to update a local copy of the dictionary or glossary, wherein the local copy of the dictionary or glossary is a member of a hierarchical set of dictionaries or glossaries.

7. (Original) A method for processing a datastream within a data processing system, the method comprising the computer-implemented steps of:

automatically scanning a datastream;

automatically detecting, in the datastream, a word that does not match an indexed term or word in a glossary;

identifying the unmatched word as an acronym; and

in response to identifying the acronym, inserting data associated with the acronym into the datastream in close proximity to the acronym, wherein the data associated with the acronym is selected from a hierarchical set of glossaries.

8. (Original) The method of claim 7 further comprising:

an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit.

9. (Original) The method of claim 7 wherein the step of selecting data associated with the acronym further comprises retrieving data from each source glossary, wherein a source glossary is a glossary within the hierarchical set of glossaries that contains an entry for the acronym.
10. (Original) The method of claim 9 further comprising:
presenting to the user the data retrieved from each source glossary;
selecting a source glossary; and
identifying the retrieved data from the selected source glossary as the inserted data in the datastream.
11. (Original) The method of claim 10 further comprising:
an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit;
storing a user preference list for an order of presentation for information from a set of glossaries, wherein entries in the user preference list are associated with the organizational units; and
presenting a list of source glossaries to a user according to an order stored in the user preference list.
12. (Original) The method of claim 7 further comprising:
updating a master glossary at a server; and
serving the update to the master glossary to a client to update a local copy of the glossary, wherein the local copy of the glossary is a member of the hierarchical set of glossaries.
13. (Original) The method of claim 7 wherein the step of selecting data associated with the acronym further comprises retrieving data from a default glossary, wherein the default glossary is a glossary previously selected from the hierarchical set of glossaries.
14. (Original) The method of claim 13 wherein the default glossary is selected based on a predetermined association selected from the group consisting of: an association between a glossary and a user, an association between a glossary and a document or datastream, an association between a glossary and an organizational unit, or an association between a user and an organizational unit.

15. (Original) A method for updating a plurality of dictionaries or glossaries stored within a data processing system, the method comprising the computer-implemented steps of:
- automatically scanning a datastream;
 - automatically detecting, in the datastream, a word that does not match an indexed term or word in a dictionary or a glossary; and
 - responsive to an indication that the unmatched word is a properly spelled new term, determining to update a dictionary or glossary with the new term, wherein the dictionary or glossary is a member of a hierarchically ordered set of dictionaries and/or glossaries.
16. (Original) The method of claim 15 further comprising:
- presenting a list of a set of dictionaries and/or glossaries to a user; and
 - selecting, from the presented list, a dictionary or glossary to be updated with the new term; and
 - updating the selected dictionary or glossary.
17. (Original) The method of claim 15 further comprising:
- an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit; and determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database.
18. (Original) The method of claim 17 wherein the step of determining the list of dictionaries and/or glossaries further comprises:
- responsive to a determination of a user that indicated that the unmatched word is a properly spelled new term, determining the organizational unit containing the user; and
 - selecting a set of dictionaries and/or glossaries based on the organizational unit for the user.
19. (Original) The method of claim 18 wherein the step of selecting a set of dictionaries and/or glossaries based on the organizational unit for the user further comprises:
- determining, according to previously stored selectable options, whether local copies of dictionaries and/or glossaries stored on computers used by persons within the organizational unit are to be updated upon an indication of a new term by the user; and

determining, according to previously stored selectable options, whether a master copy of a dictionary and/or glossary stored on a server is to be updated upon an indication of a new term by the user.

20. (Original) The method of claim 17 further comprising:

updating each dictionary and/or glossary on the list of dictionaries and/or glossaries to be updated with the new term.

21. (Original) The method of claim 20 wherein the step of updating each dictionary and/or glossary on the list of dictionaries and/or glossaries further comprises:

receiving, at a server in the data processing system, an update message comprising the new term;
and

sending, from the server, an update message comprising the new term to each client computer storing a copy of each dictionary and/or glossary.

22. (Original) The method of claim 21 further comprising:

updating a master copy of each dictionary and/or glossary on the server.

23. (Original) The method of claim 17 wherein the step of determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database is performed on a server within the data processing system.

24. (Original) The method of claim 17 wherein the step of determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database is performed on a client computer within the data processing system.

25. (Original) The method of claim 15 wherein the dictionary or glossary determined to be updated is a default dictionary or glossary previously selected from the hierarchically ordered set of dictionaries and/or glossaries.

26-29. (Canceled)

30. (Original) A data processing system for processing a datastream, the data processing system comprising:
- detecting means for detecting an acronym in a datastream; and
 - inserting means for automatically inserting an expansion of the acronym in the datastream in close proximity to the acronym, wherein the expansion of the acronym is selected from a hierarchical set of glossaries.
31. (Original) The data processing system of claim 30 further comprising:
- updating means for updating a master dictionary or glossary at a server; and
 - server means for serving the update to the master dictionary or glossary to a client to update a local copy of the dictionary or glossary, wherein the local copy of the dictionary or glossary is a member of a hierarchical set of dictionaries or glossaries.
32. (Original) A data processing system for processing a datastream in a data processing system, the data processing system comprising:
- scanning means for automatically scanning a datastream;
 - detecting means for automatically detecting, in the datastream, a word that does not match an indexed term or word in a glossary;
 - first identifying means for identifying the unmatched word as an acronym; and
 - inserting means for inserting, in response to identifying the acronym, data associated with the acronym into the datastream in close proximity to the acronym, wherein the data associated with the acronym is selected from a hierarchical set of glossaries.
33. (Original) The data processing system of claim 32 further comprising:
- an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit.
34. (Original) The data processing system of claim 32 wherein selecting data associated with the acronym further comprises retrieving means for retrieving data from each source glossary, wherein a source glossary is a glossary within the hierarchical set of glossaries that contains an entry for the acronym.

35. (Original) The data processing system of claim 34 further comprising:
presenting means for presenting to the user the data retrieved from each source glossary;
selecting means for selecting a source glossary; and second identifying means for identifying the retrieved data from the selected source glossary as the inserted data in the datastream.
36. (Original) The data processing system of claim 35 further comprising:
an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit;
storing means for storing a user preference list for an order of presentation for information from a set of glossaries, wherein entries in the user preference list are associated with the organizational units;
and
presenting means for presenting a list of source glossaries to a user according to an order stored in the user preference list.
37. (Original) The data processing system of claim 32 further comprising:
updating means for updating a master glossary at a server; and
server means for serving the update to the master glossary to a client to update a local copy of the glossary, wherein the local copy of the glossary is a member of the hierarchical set of glossaries.
38. (Original) The data processing system of claim 32 wherein the selected data associated with the acronym further comprises data retrieved from a default glossary, wherein the default glossary is a glossary previously selected from the hierarchical set of glossaries.
39. (Original) The data processing system of claim 38 wherein the default glossary is selected based on a predetermined association selected from the group consisting of: an association between a glossary and a user, an association between a glossary and a document or datastream, an association between a glossary and an organizational unit, or an association between a user and an organizational unit.
40. (Original) A data processing system for updating a plurality of dictionaries or glossaries, the data processing system comprising:
scanning means for automatically scanning a datastream;

detecting means for automatically detecting, in the datastream, a word that does not match an indexed term or word in a dictionary or a glossary;

first determining means for determining, in response to an indication that the unmatched word is a properly spelled new term, to update a dictionary or glossary with the new term, wherein the dictionary or glossary is a member of a hierarchically ordered set of dictionaries and/or glossaries.

41. (Original) The data processing system of claim 40 further comprising:
presenting means for presenting a list of a set of dictionaries and/or glossaries to a user; and
selecting means for selecting, from the presented list, a dictionary or glossary to be updated with the new term; and
updating means for updating the selected dictionary or glossary.

42. (Original) The data processing system of claim 40 further comprising:
an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit; and second determining means for determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database.

43. (Original) The data processing system of claim 42 wherein the second determining means for determining the list of dictionaries and/or glossaries further comprises:
third determining means for determining the organizational unit containing the user, in response to a determination of a user that indicated that the unmatched word is a properly spelled new term; and
selecting means for selecting a set of dictionaries and/or glossaries based on the organizational unit for the user.

44. (Original) The data processing system of claim 43 wherein the selecting means for selecting a set of dictionaries and/or glossaries based on the organizational unit for the user further comprises:
fourth determining means for determining, according to previously stored selectable options, whether local copies of dictionaries and/or glossaries stored on computers used by persons within the organizational unit are to be updated upon an indication of a new term by the user; and
fifth determining means for determining, according to the previously stored selectable options, whether a master copy of a dictionary and/or glossary stored on a server is to be updated upon an indication of a new term by the user.

45. (Original) The data processing system of claim 42 further comprising:
updating means for updating each dictionary and/or glossary on the list of dictionaries and/or glossaries to be updated with the new term.
46. (Original) The data processing system of claim 45 wherein the updating means for updating each dictionary and/or glossary on the list of dictionaries and/or glossaries further comprises:
receiving means for receiving, at a server in the data processing system, an update message comprising the new term; and
sending means for sending, from the server, an update message comprising the new term to each client computer storing a copy of each dictionary and/or glossary.
47. (Original) The data processing system of claim 46 further comprising:
updating means for updating a master copy of each dictionary and/or glossary on the server.
48. (Original) The data processing system of claim 42 wherein the second determining means for determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database is performed on a server within the data processing system.
49. (Original) The data processing system of claim 42 wherein the third determining means for determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database is performed on a client computer within the data processing system.
50. (Original) The data processing system of claim 40 wherein the dictionary or glossary determined to be updated is a default dictionary or glossary previously selected from the hierarchically ordered set of dictionaries and/or glossaries.
- 51-52. (Canceled)
53. (Original) A computer program product in a computer-readable medium for use in a data processing system for processing a datastream, the computer program product comprising:
first instructions for detecting an acronym in the datastream; and

second instructions for automatically inserting an expansion of the acronym in the datastream in close proximity to the acronym, wherein the expansion of the acronym is selected from a hierarchical set of glossaries.

54. (Original) A computer program product in a computer-readable medium for use in a data processing system for processing a datastream within the data processing system, the computer program product comprising:

first instructions for automatically scanning the datastream;

second instructions for automatically detecting, in the datastream, a word that does not match an indexed term or word in a glossary;

third instructions for identifying the unmatched word as an acronym; and

fourth instructions for inserting, in response to identifying the acronym, data associated with the acronym into the datastream in close proximity to the acronym, wherein the data associated with the acronym is selected from a hierarchical set of glossaries.

55. (Original) A computer program product in a computer-readable medium for use in a data processing system for updating a plurality of dictionaries or glossaries stored within the data processing system, the computer program product comprising:

first instructions for automatically scanning a datastream;

second instructions for automatically detecting, in the datastream, a word that does not match an indexed term or word in a dictionary or a glossary; and

third instructions for determining, responsive to an indication that the unmatched word is a properly spelled new term, to update a dictionary or glossary with the new term, wherein the dictionary or glossary is a member of a hierarchically ordered set of dictionaries and/or glossaries.

56. (Original) The computer program product of claim 55 further comprising:

instructions for presenting a list of a set of dictionaries and/or glossaries to a user;

instructions for selecting, from the presented list, a dictionary or glossary to be updated with the new term; and

instructions for updating the selected dictionary or glossary.

57. (Original) The computer program product of claim 55 further comprising:
an organizational database comprising information for organizational units within the data processing system, wherein each glossary in the hierarchical set of glossaries is associated with an organizational unit; and
instructions for determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database.
58. (Original) The computer program product of claim 57 wherein the instructions for determining the list of dictionaries and/or glossaries further comprise:
instructions for determining, responsive to a determination of a user that indicated that the unmatched word is a properly spelled new term, the organizational unit containing the user; and
instructions for selecting a set of dictionaries and/or glossaries based on the organizational unit for the user.
59. (Original) The computer program product of claim 58 wherein the instructions for selecting a set of dictionaries and/or glossaries based on the organizational unit for the user further comprise:
instructions for determining, according to previously stored selectable options, whether local copies of dictionaries and/or glossaries stored on computers used by persons within the organizational unit are to be updated upon an indication of a new term by the user; and
instructions for determining, according to previously stored selectable options, whether a master copy of a dictionary and/or glossary stored on a server are to be updated upon an indication of a new term by the user.
60. (Original) The computer program product of claim 57 further comprising:
instructions for updating each dictionary and/or glossary on the list of dictionaries and/or glossaries to be updated with the new term.
61. (Original) The computer program product of claim 60 wherein the instructions for updating each dictionary and/or glossary on the list of dictionaries and/or glossaries further comprise:
instructions for receiving, at a server in the data processing system, an update message comprising the new term; and
instructions for sending, from the server, an update message comprising the new term to each client computer storing a copy of each dictionary and/or glossary.

62. (Original) The computer program product of claim 61 further comprising:
instructions for updating a master copy of each dictionary and/or glossary on the server.
63. (Original) The computer program product of claim 57 wherein the instructions for determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database are performed on a server within the data processing system.
64. (Original) The computer program product of claim 57 wherein the instructions for determining a list of dictionaries and/or glossaries to be updated with the new term with reference to the organizational database are performed on a client computer within the data processing system.
65. (Original) The computer program product of claim 55 wherein the dictionary or glossary determined to be updated is a default dictionary or glossary previously selected from the hierarchically ordered set of dictionaries and/or glossaries.